

Listing of claims: No amendments made herein.

1. (PREVIOUSLY PRESENTED) A text messaging system including a plurality of information terminals provided with communications means, and servers connected to the information terminals via communication lines responsive to the communications means, the text messaging system comprising:

a plurality of transmission means having different transmission modes provided in each of the information terminals for transmitting to the servers text messages addressed to other of the information terminals;

reception means provided in the information terminals for receiving from the servers a text message from other of the information terminals;

status detection means provided in the information terminals for detecting and reporting to the servers an operational status of the each transmission means including at least a change of status of the connection with the communication lines;

reception means provided in the servers for receiving text messages from any one of the information terminals;

status administration means provided in the servers for storing, per user of any one of the information terminals, the operational status, including the change of status, of the each transmission means of each information terminal reported from said status detection means;

determining means provided in the servers for referring to the operational status, including the change of status, stored by the status administration means of an information terminal that is a destination of the text message received from the information terminal, and for dynamically determining a message destination and a transmission means and transmission mode for the received text messages according to the stored operational status and change of status; and

transmission means provided in the servers for transmitting text messages received from the information terminals to the destination information terminal according to the dynamically determined transmission mode using the dynamically determined transmission means.

2. (PREVIOUSLY PRESENTED) A text messaging system including a mobile terminal and an information terminal respectively provided with communication means, and a server connected to the mobile terminal and to the information terminal via a communications line responsive to the communications means, the text messaging system comprising:

a plurality of transmission means having different transmission modes in the information

terminal for transmitting to the server text messages addressed to the mobile terminal, or to another information terminal;

reception means provided in the information terminal for receiving from the server text messages from the mobile terminal, or from another information terminal;

status detection means in the information terminal for detecting and reporting to the server an operational status of each transmission means including at least a change of status of the connection with the communications line;

reception means provided in the server for receiving text messages from the mobile terminal or the information terminal;

status administration means provided in the server for storing per user of the information terminal, an operational status of each transmission means of the information terminal reported from said status detection means; and

determining means provided in the server for referring to the operational status, including the change of status, stored by the status administration means of an information terminal that is a destination of the text message received from the information terminal, and for dynamically determining a message destination and a transmission mode and a transmission means for the received text messages according to the stored operational status and change of status; and

transmission means provided in the server for transmitting to the information terminal text messages received from the mobile terminal, and transmitting to the mobile terminal text messages received from the information terminal, or transmitting text messages received from the mobile terminal or the information terminal to another mobile terminal or to another information terminal according to the dynamically determined transmission mode using the dynamically determined transmission means.

3. (PREVIOUSLY PRESENTED) A text messaging system according to claim 2, wherein:

said status detection means further detects and reports to the server whether the information terminal is being used; and

said determining means, upon the information terminal being used determines the information terminal to be a transmission destination for text messages.

4. (PREVIOUSLY PRESENTED) A text messaging system according to claim 2, the information terminal further being provided with service detection means for detecting and for reporting to the server network-application operational status in the information terminal,

wherein:

 said status administration means stores the reported network-application operational status; and

 said determining means, wherein the network application is operable on the server, determines to transmit received text messages using the network application if the network application is running on the information terminal.

5. (PREVIOUSLY PRESENTED) A text messaging system according to claim 2, wherein said transmission means is enabled to notify the server that a text message has been read, further comprising:

 reporting administration means provided in the server for saving text messages transmitted to the information terminal, and, wherein if not notified to the effect that a text message has been read, for forwarding the text message to the mobile terminal.

6. (PREVIOUSLY PRESENTED) A text messaging system according to claim 5, wherein said reporting administration means forwards to the mobile terminal text messages transmitted to the information terminal in response to change in operational status of the information terminal.

7. (PREVIOUSLY PRESENTED) A text messaging system according to claim 5, wherein if a text message transmitted to the information terminal is not read within a predetermined time period, said reporting administration means forwards the text message to the mobile terminal.

8. (PREVIOUSLY PRESENTED) A text messaging system according to claim 5, wherein said reporting administration means in predetermined instances reports to text message send sources that their text messages have been sent to the mobile terminal.

9. (PREVIOUSLY PRESENTED) A text messaging system according to claim 5, wherein if said reporting administration means cannot send a text message to the mobile terminal, said reporting administration means stores the text message and reports to the text message send source that its text message has been stored.

10. (PREVIOUSLY PRESENTED) A text messaging system according to claim 2,

wherein:

 said status detection means reports to the server text message senders' contact phone numbers;

 said status administration means stores the reported phone numbers; and wherein a text message is sent from the information terminal to the mobile terminal, if the senders' contact phone number has been set, said decision means adds the phone number to and transmits the text message.

11. (PREVIOUSLY PRESENTED) A text messaging system according to claim 2, further comprising a proxy information terminal connected to the communications line, wherein said proxy information terminal is provided with:

 reception means for receiving from the server text messages from the mobile terminal;
 information acquisition means for obtaining in accordance with the received text messages operational status of other information terminal wherein the system includes a plurality thereof;

 transmission means for transmitting the obtained operational status as a text message to the mobile terminal; and

 information setting means for setting and reporting to the server an operational status of the other information terminal in accordance with the received text messages.

12. (PREVIOUSLY PRESENTED) A text messaging system including a mobile terminal and an information terminal respectively provided with communication means, a first server connected to the information terminal via communications line responsive to the communications means, and a second server connected to the mobile terminal and to the information terminal via the communications line, the text messaging system comprising:

 a plurality of transmission means having different transmission modes provided in the information terminal for transmitting to the second server text messages addressed to the mobile terminal, or to another information terminal wherein the system includes a plurality thereof;

 reception means provided in the information terminal for receiving from the second server text messages from the mobile terminal, or from other information terminal wherein the system includes a plurality thereof;

 status detection means provided in the information terminal for detecting and reporting to the first server an operational status of the each transmission means including at least a change of status of connection with the communications line;

status administration means provided in the first server for gathering and storing per user of the information terminals, an operational status, including the change of status, of the each transmission means from each information terminal;

reception means provided in the second server for receiving text messages from the mobile terminal or the information terminal;

determining means provided in the second server for obtaining from the first server operational status, including the change of status, of the information terminal that is a destination of the text message received from the information terminal, and for dynamically determining a transmission mode for received text messages according to the obtained operational status and change of status; and

transmission means provided in the second server for transmitting text messages received from the mobile terminal or the information terminal to another mobile terminal or a destination information terminal according to the dynamically determined transmission mode using the dynamically determined transmission means.

13. (PREVIOUSLY PRESENTED) A text messaging system according to claim 12, wherein the information terminal is enabled to notify the second server that a text message has been read, and further comprising:

reporting administration means provided in the second server for saving text messages transmitted to the information terminal, and, wherein not notified to the effect that a text message has been read, for forwarding the text message to the information terminal.

14. (PREVIOUSLY PRESENTED) In an information terminal provided with communication means for transmitting and receiving text messages among mobile terminals or other information terminals via communication lines and servers responsive to said communication means, a text messaging device comprising:

a plurality of transmission means having different transmission modes for transmitting to the servers text messages addressed to the mobile terminals or to the other information terminals;

reception means for receiving from the servers text messages from the mobile terminals or from the other information terminals; and

status detection means for detecting and reporting to the servers an operational status of the each transmission means of the information terminals including at least a change of status of a connection with the communications lines,

wherein the detecting the change of status further comprises:

detecting a disconnection of one of the each transmission means, and
detecting whether a user is using one of the information terminals.

15. (PREVIOUSLY PRESENTED) A text-messaging server connected to a mobile terminal and an information terminal respectively provided with communication means, via communications line responsive to the communications means, the server comprising:

reception means for receiving text messages from the mobile terminal or the information terminal;

transmission means for transmitting text messages received from the mobile terminal or the information terminal to another mobile terminal or to another information terminal using a dynamically determined transmission means and a dynamically determined transmission mode, wherein the server is connected to a plurality of either;

status administration means for receiving and storing, per user of the information terminal, an operational status, including a change of status, of the each transmission means of the information terminal; and

determining means for referring to the operational status, including the change of status, stored by the status administration means of an information terminal that is a destination of the text message received from the information terminal, and for dynamically determining a message destination and a transmission means and transmission mode for the text messages according to the stored operational status and change of status.

16. (PREVIOUSLY PRESENTED) A computer-readable recording medium on which is recorded a text messaging program utilized in an information terminal provided with communication means for transmitting and receiving text messages among mobile terminals or other information terminals via communication lines and servers responsive to said communication means, the computer-readable recording medium on which is recorded the text messaging program for executing:

transmitting to the servers text messages addressed to the mobile terminals or to the other information terminals with one of a plurality of transmission means with different transmission modes;

receiving from the servers text messages from the mobile terminals or from the other information terminals; and

detecting and reporting to the servers an operational status of each information terminal

including at least a change of status of a connection with the communications lines,
wherein the detecting the change of status further comprises:

detecting a disconnection of one of the each transmission means, and
detecting whether a user is using one of the information terminals.

17. (PREVIOUSLY PRESENTED) A computer-readable recording medium on which is stored a text messaging administration program utilized in a server connected to mobile terminal and information terminal respectively provided with communication means, via communications line responsive to the communications means, the computer-readable recording medium on which is recorded the text messaging administration program for executing:

receiving text messages from the mobile terminal or the information terminal;

obtaining and storing, per user of the information terminal, an operational status, including a change of status, of each transmission means of each the information terminal;

determining each text message transmission mode according to the operational status, including the change of status, of the information terminal; and

transmitting text messages from the information terminals to a destination information terminal according to the determined text transmission mode,

wherein the change of status further comprises:

a disconnection of one of the each transmission means and

a use of an information terminal by a user.

18. (PREVIOUSLY PRESENTED) A text messaging method utilized in a server connected to a mobile terminal and an information terminal respectively provided with communication means, via communications line responsive to the communications means, the text messaging method:

detecting and reporting to the server an operational status of each transmission means of the information terminal including at least a change of status of connection with the communications line;

storing, per user of the information terminal, in the server the operational status, including the change of status; and

determining a transmission mode for the received text messages according to the stored operational status and change of status of the information terminal; and

transmitting and receiving text messages by way of the server between the mobile

terminal and the destination information terminal, or between the mobile terminal and another mobile terminal, wherein the system includes a plurality thereof, or between the information terminal and the destination information terminal, wherein the system includes a plurality thereof, according to the dynamically determined transmission mode.

19. (PREVIOUSLY PRESENTED) A text message transmission and reception method utilized in an information terminal provided with communication means for transmitting and receiving text messages among mobile terminals or other information terminals via communication lines and servers responsive to said communication means, the text message transmission and reception method:

transmitting to the servers text messages addressed to the mobile terminals or to the other information terminals with one of a plurality of transmission means with different transmission modes;

receiving from the servers text messages from the mobile terminals or from the other information terminals; and

detecting and reporting to the servers an operational status of each transmission means including at least a change of status of a connection with the communications lines.

20. (PREVIOUSLY PRESENTED) A text-messaging administration method for a server connected to a mobile terminal and an information terminal respectively provided with communication means, via a communications line responsive to the communications means, the text-messaging administration method comprising:

receiving from the mobile terminal or the information terminal text messages addressed to another mobile terminal or another information terminal, or addressed to another mobile terminal or to another information terminal, wherein the system includes a plurality of either;

gathering and storing per a user of the information terminal, an operational status of each transmission means of each information terminal including at least a change of status of connection with the communications line; and

determining a transmission means and a transmission mode for the received text messages according to the operational status, including the change of status, of the information terminal that is a destination of the text message received from the information terminal; and

transmitting the received text messages to another mobile terminal or a destination information terminal according to the dynamically determined transmission mode using the dynamically determined transmission means.

21. (PREVIOUSLY PRESENTED) A text messaging system including a plurality of information terminals, and servers connected to the information terminals via communication lines, comprising:

status detection means provided in the information terminals for detecting and reporting to the servers an operational status of each transmission means including at least a change of status of the connection with the communication lines;

status administration means provided in the servers for storing, per user of any one of the information terminals, the operational status, including the change of status, of each transmission means of each information terminal reported from said status detection means;

determining means provided in the server for referring to the operational status, including the change of status, stored by the status administration means of an information terminal that is a destination of the text message received from the information terminal, and for dynamically determining a message destination and a transmission mode and a transmission means for the received text messages according to the stored operational status and change of status.

22. (PREVIOUSLY PRESENTED) A text messaging system according to claim 21, further comprising a proxy information terminal, connectable to the communications line, wherein said proxy information terminal is provided with:

information acquisition means for obtaining in accordance with the received text messages an operational status of another information terminal;

transmission means for transmitting the obtained operational status as a text message to the mobile terminal according to the dynamically determined transmission mode using the dynamically determined transmission means; and

information setting means for setting and reporting to the server an operational status of the other information terminal in accordance with the received text messages.

23. (PREVIOUSLY PRESENTED) A text messaging system including a plurality of information terminals and servers connected to the information terminals via communication lines, comprising:

a detector detecting and reporting to the servers an operational status of each transmission means including at least a change of status of the connection with the communication lines;

a receiver receiving text messages from any one of the information terminals;

a controller storing, per user of any one of the information terminals, the change of operational status of the each transmission means of each information terminal reported from said status detection means; and

a processor referring to the changed operational status stored by the controller and dynamically determining a message destination and a transmission means and transmission mode for the received text messages according to the stored operational status and change of status.

24. (PREVIOUSLY PRESENTED) The text messaging system according to claim 23, further comprising a proxy information terminal comprising:

a receiver receiving from the server text messages from the mobile terminal and obtaining in accordance with the received text messages operational status of each transmission means of another information terminal;

a transmitter transmitting the obtained operational status as a text message to the mobile terminal; and

a processor setting and reporting to the server the operational status in accordance with the received text messages.

25. (PREVIOUSLY PRESENTED) The text messaging system according to claim 1, wherein the change of status that is detected and reported is a change from a connected status with the Internet to a disconnected status or change in a use of an information terminal by a user.

26. (PREVIOUSLY PRESENTED) The text messaging device according to claim 14, wherein the detecting a disconnection of one of the each transmission means further comprises detecting a disconnection of the one of the each transmission means from the Internet.

27. (PREVIOUSLY PRESENTED) The computer-readable recording medium according to claim 16, wherein the detecting whether a user is using one of the information terminals further comprises detecting an activation of a screen saver.

28. (PREVIOUSLY PRESENTED) The computer-readable recording medium according to claim 17, wherein the change of status further comprises an activation or completion of a network application.